

AIM Ann Report  
1897 to 1898

ANNUAL REPORT

OF THE

# Auckland Institute

AND

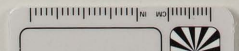
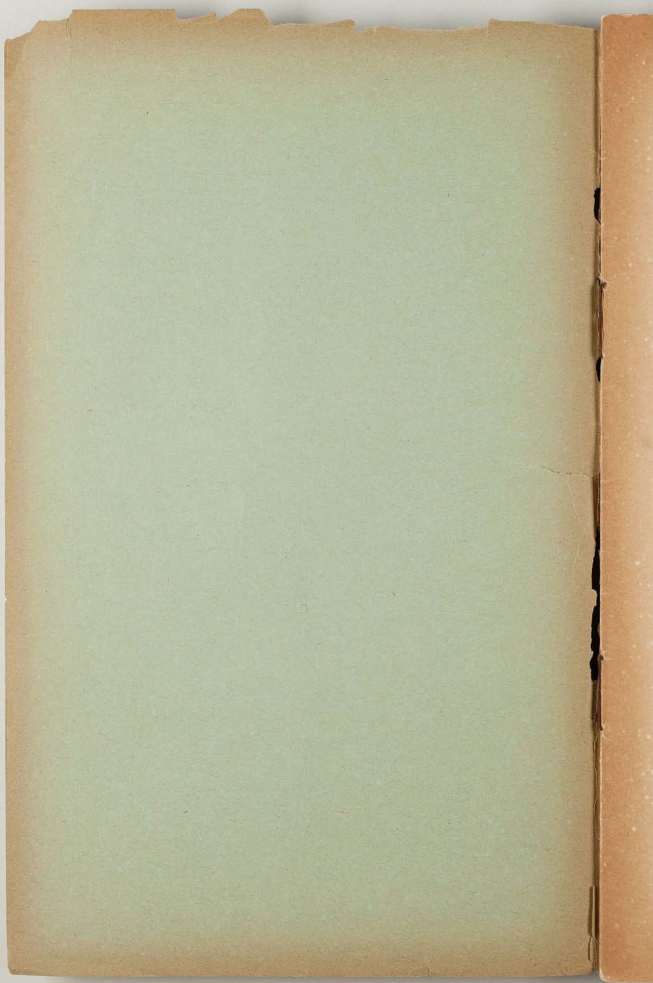
.... MUSEUM ....

For 1897-8,

Adopted at the Annual Meeting, held February 28, 1898.

STAR OFFICE, AUCKLAND.

AIM Ann Report  
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ANNUAL REPORT  
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AUCKLAND INSTITUTE  
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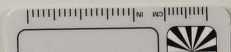
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ADOPTED AT THE ANNUAL MEETING,  
HELD FEBRUARY 28, 1898.

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AUCKLAND:  
H. BRETT, BOOK AND GENERAL PRINTER, SHORTLAND AND FORT STREETS.  
1898.

AIM Ann Report  
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OFFICERS  
OF THE  
AUCKLAND INSTITUTE

---

President :

PROF. H. A. TALBOT TUBBS.

Vice-Presidents :

E. ROBERTON, Esq., M.D.

D. PETRIE, Esq., F.L.S.

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PEACOCK, T., Esq.

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PEACOCK, T., Esq.

Secretary and Curator :

T. F. CHEESEMAM, Esq., F.L.S., F.Z.S.

Auditor :

W. GORRIE, Esq.



AIM Ann Report  
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THE FOLLOWING

## Magazines and Periodicals

ARE CIRCULATED AMONG THE MEMBERS :

QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE

THE IBIS

NATURE

NATURAL SCIENCE

GEOLOGICAL MAGAZINE

LANCET

SCIENCE PROGRESS

BOTANICAL MAGAZINE

ANNALS OF BOTANY

GARDENERS' CHRONICLE

CHEMICAL NEWS

ENGINEERING

SCIENCE GOSSIP

ELECTRICAL AND TELEGRAPHIC REVIEW

ANNALS AND MAGAZINE OF NATURAL HISTORY

THE PHILOSOPHICAL MAGAZINE

AMERICAN JOURNAL OF SCIENCE

THE NEW ZEALAND MEDICAL JOURNAL

## Report of the Council.

As provided for by the rules, the Council have now to submit to the members their Thirtieth Annual Report on the financial and general condition of the Institute, and its progress during the past year.

**Members.**—The number of members on the roll at the present time is 167, of which 12 are life members and 155 annual subscribers. Five new members have been elected during the year, and eleven names have been removed—five from death, three from resignation, and three from non-payment of subscription for more than two consecutive years.

The Council are sorry to state that the list of deaths contains the names of several gentlemen who have taken a prominent part in the affairs of the Institute. Mr. J. C. Firth joined the Institute in the year after its foundation. He was President in 1875, and for several years subsequently served on the Council. He was a frequent contributor to the "Transactions," his last communication appearing in the volume for 1896. During the whole period of his membership he was an active supporter of the Society; and in the early part of its history, when its position was struggling and ill-assured, his frequent and liberal contributions to its funds materially aided its progress. It is only due to his memory to mention that at his own request the particulars of several of these benefactions were never made public. By his death the Institute loses a sincere and zealous friend. The Rev. Canon Bates was also for many years a member of the Council, and a frequent contributor of papers or lectures. His loss is a severe one, both as a man of broad and liberal views, and as an earnest supporter of any movement tending towards the social or educational progress of Auckland. The other members removed by death are Mr. T. Ball, Mr. L. Ehrenfried, and Mr. C. J. Leaf.

**Finance.**—The financial position of the Institute must be regarded as satisfactory. The total revenue of the working account, excluding the balance of £164 17s. 10d. in hand at the commencement of the year, has been £1,176 7s. 6d. Last year the amount was £1,207 7s. 8d., so that there has been an apparent decrease of £31 0s. 2d. But, as pointed out in the report for 1896-97, the receipts for that year were swollen by the payment of some arrears of interest which should have been paid during the previous twelve months. Making due allowance for that, it will be seen that the revenue really shows a considerable increase. The interest yielded

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by the invested funds of the Costley Bequest has been £413 0s. 4d.; while the Museum Endowment has contributed in rents and interest on investments £619 15s. 11d. The members' subscriptions have amounted to £127 1s., a sum slightly below that received in 1896-97. The total expenditure has been £1,201 10s. 5d., leaving a credit balance of £139 14s. 11d. in the Bank of New Zealand. The invested funds of the Institute now amount to £13,280, showing an increase of £65 during the year. With the exception of a few hundred pounds the whole of this sum is invested in mortgage on freehold property, and it is believed that the securities are exceptionally good and stable.

**Museum Endowment.**—The Crown Lands Board have not been able to do much in the way of utilizing the remainder of the endowment. A few township allotments have been sold and the proceeds handed over to the Institute for investment. The Tihitihi Block, at Whangarei, the largest of the rural endowments, has been divided into small grazing runs and leased. In the future it will bring in a small though regular income. The Waikanae Block, near Coromandel, which was taken up for mining purposes a couple of years ago, has yielded a very satisfactory income; but as several of the leases have been abandoned, it is hardly probable that the amount received during the coming year will be so large.

**Meetings.**—Ten meetings have been held during the year at which the following papers were read and discussed:—

1. Introductory Address—By the President, E. Robertson, M.D.
2. "A," a Passage in Archaeology—By Prof. Talbot-Tubbs.
3. The Insulation of Cold Stores—By Prof. F. D. Brown.
4. Ore Deposits—By A. Montgomery.
5. Description of a new species of *Coprosma*—By D. Petrie, F.L.S.
6. The Tides, the Ocean Currents, and the Moon—By W. Buchanan.
7. Insect Life in Gardens—By P. Marshall, F.G.S.
8. The Botany of Hikurangi Mountain, East Cape—By Jas. Adams, B.A.
9. The Relative Commercial Values of Pumice and Charcoal for insulating purposes—By W. T. Firth.
10. The History of Taipari's Carved House at Parawai, Thames—By Capt. G. Mair.
11. The Ether—By Prof. F. D. Brown.
12. Tuhoe Land; the Origin, History, Customs and Traditions of the Tuhoe or Urewera Tribe—By Elsdon Best.
13. The Influence of the Ideal—By E. A. Mackechnie.
14. Corals and Coral Reefs—By Prof. A. P. Thomas, F.L.S.



**Museum.**—There has been a satisfactory attendance of visitors at the Museum. The register kept by the attendant on Sunday afternoons shows that 13,093 people entered the building on that day, or an average of 251 for each Sunday. This is a slight increase on the number for the previous year. The largest attendance was 388 on April 25th, and the smallest 37 on October 3rd. On week-days the visitors can only be occasionally counted, and accurate statistics cannot therefore be given, but the average attendance may be safely estimated at 100. Taking this number as a basis for calculation, the approximate week-day attendance would be 31,300, and the total for the whole year 44,393. The greatest attendance recorded on any one day was 403 on May 24th (Queen's Birthday).

In last year's report the Council stated the reasons that had induced them to arrange for an enlargement of the Museum. Since then the new addition has been completed, and was opened to the public for the first time on October 19th. It consists of a Hall fifty feet square adjoining the eastern side of the Ethnological Hall, with which it is connected by an archway. In structural details it agrees with the Ethnological Hall, being built of brick with a concrete floor and iron and glass roof. The contract price was £800, to which, however, has to be added the cost of gas-fittings, architect's commission, and a few extras. The funds required for its erection have been temporarily borrowed from the Costley Bequest, with the proviso that the amount shall be gradually repaid by instalments from each year's income; and in fulfilment of this agreement £100 has just been paid into the Investment Account. The primary reason for the erection of the Hall was to accommodate the Russell collection of plaster casts from the antique. This collection, which is in many respects an admirable one, was altogether buried in its former location in the centre of the main hall. It is now well placed and well lighted, and when the final colouring of the walls is completed will be seen to great advantage. The new hall will also be used as a meeting room until the funds of the Institute are sufficient to warrant the erection of a properly equipped lecture room, and some expenditure will shortly be incurred in providing a moveable platform and other necessary conveniences. The space gained in the main hall by the removal of the statues will ultimately be devoted to the exhibition of groups of the larger mammals, suitably arranged in glass pier cases. This is a work, however, which can only be slowly accomplished, unless some generous friend of the Museum will largely supplement its scanty resources.

The chief additions made to the Museum during the year have been in the department of ethnology. The Council would draw special attention to a collection of Maori carvings and other articles obtained by purchase from the East Cape district. Among other

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things it contains two huge *tikis* or carved figures of a type now extremely rare and difficult to obtain; a beautiful example of the carved central post of a large *whare*; a large carved doorway of an unusual pattern; and an antique *paepae* or carved threshold of a house, probably considerably over 100 years old. The Council have also been able to obtain the carved figure-head of the well-known canoe Taheretikitiki. It belongs to a peculiar type of figure-heads known as *Toiere*, and is believed to be the only specimen in a public collection. A large number of small articles of Maori workmanship have been obtained during the year, partly by purchase and partly by donation. Some of these are specially valuable, and arrangements are now being made for their suitable exhibition. In foreign ethnology the most interesting addition is an unusually fine example of an inlaid canoe from the Solomon Islands. It is about 15 feet in length, and is beautifully inlaid throughout with pearl shell and adorned with drawings of birds and fishes. Such canoes are only made on the island of Ulawa and are now extremely difficult to procure. The thanks of the Institute are due to the Rev. R. B. Comins and the Rev. W. G. Ivens, through whose good offices the canoe was obtained.

In the Zoological department several additions of importance have been made. A fine mounted skeleton of an ostrich has been obtained in exchange from Prof. Ward, of Rochester, U.S.A. It will be useful for comparison with the moa skeletons. An interesting collection of Chatham Island birds, including several rare species, and notably *Spheniscus rufescens*, has been acquired. Several small lots of New Zealand bird-skins have been received. There are also many minor additions.

In last year's report the Council stated that Mr. T. Russell, C.M.G., had most liberally promised to expend the sum of £100 in some desirable addition to the Museum. During a visit to New Zealand, made shortly after the last annual meeting, Mr. Russell decided that his presentation should take the shape of a mineral collection to illustrate the resources of the Hauraki Mining District. At the request of Mr. Russell's agents the Curator has made a tour of visits to most parts of the district, collecting a full suite of specimens. Mr. Russell defraying the whole of the expenses. Over 1,500 specimens have been obtained, and have been catalogued and roughly determined. In a few weeks' time the collection will be finally arranged and placed on exhibition. It will include a series illustrating the general geological structure of the whole district; also local collections from the smaller districts, or from groups of mines, showing the character of the "country" rock and the various lodes traversing it; and finally, selected specimens of the various minerals occurring in the lodes or elsewhere. The Council consider that the thanks of the whole community are due to Mr. Russell for providing funds for a purpose that cannot fail to be of immense practical importance.

**Library.**—An expenditure of about £70 has been incurred in the purchase of standard scientific books. It was mentioned in the previous report that the Imperial Government, acting on the advice of the Royal Society, had decided to present to the Library a complete set of the publications of the Challenger Expedition. This has been received during the year, and forms an addition the importance of which can hardly be over-estimated. The usual exchanges and presentations from foreign societies have been received, together with a few miscellaneous donations. The Institute also still continues to subscribe to several of the leading scientific periodicals and magazines.

The bare and uninviting appearance of the Library has often been represented to the Council. Steps will shortly be taken to renovate and furnish it in an appropriate manner. By a comparatively small expenditure it can be converted into an attractive and comfortable room.

**Little Barrier Island.**—A large amount of consideration has been given to the maintenance of the Little Barrier Island as a reserve for the preservation of the flora and fauna of New Zealand. Yielding to the urgent representations of the Council the Crown Lands Department authorised a special grant of £250 for the erection of a suitable residence for the Curator. The material was conveyed to the island by the "Hinemoa," and the house is now completed. With respect to the avifauna, the presence of a resident Curator and the removal of the Maoris appear to have altogether checked the surreptitious collecting previously carried on, and the birds have remained unmolested during the year. Mr. Shakespear, the Curator, reports that with one exception he has noticed all the species observed by Mr. Reischek, many of them being present in considerable numbers. Wild cats and other vermin are not so numerous as was supposed, and are being destroyed whenever opportunity offers. With proper care and attention—and this the Institute hopes to give as long as the island remains in its charge—there seems to be no reason why many of our rarer birds may not find a secure home on the island for very many years to come.

In conclusion, the Council have to thank the members and others for the assistance and encouragement which they have given to the objects of the Institute, and which it is hoped will be again rendered during the coming year.

# The Treasurer in Account with the Auckland Institute and Museum Trust Board

FEBRUARY 17TH, 1897, TO FEBRUARY 22ND, 1898.

## WORKING ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in Bank of New Zealand, Feb. 17, 1897 ...	164	17	10	Books, Periodicals, Binding ... ..	124	4	8
Annual Subscriptions ... ..	127	1	0	Additions to Museum ... ..	174	6	6
Interest from Costley Bequest ... ..	413	0	4	Museum Requisites ... ..	35	16	0
Rents and Interest transferred from Museum Endowment Account ... ..	619	15	11	Printing, Advertising, Insurance, Gas, Stationery, Postages, and other expenses ... ..	155	4	2
Interest from Life Subscription Account, 2 years ...	12	14	1	Salaries ... ..	431	19	3
Miscellaneous ... ..	3	16	2	New Fittings, Alterations and Repairs to Buildings ...	79	4	6
				Cleaning and Painting Statues ... ..	18	6	6
				Advance to Little Barrier Account ... ..	34	0	0
				Land Tax ... ..	47	1	8
				Miscellaneous payments... ..	1	7	2
				Payment to Investment Account in reduction of Loan for Erection of New Hall ... ..	100	0	0
				Balance in Bank of New Zealand, Feb. 22, 1898 ...	139	14	11
	<u>£1,341</u>	<u>5</u>	<u>4</u>		<u>£1,341</u>	<u>5</u>	<u>4</u>

T. F. CHEESEMAM, TREASURER.

Examined and found correct,

February 24, 1898.

W. GORRIE, AUDITOR.

# The Treasurer in Account with the Auckland Institute and Museum Trust Board

FEBRUARY 17TH, 1897 TO FEBRUARY 22ND, 1898.

## MUSEUM ENDOWMENT ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in Bank of New Zealand, Feb. 17, 1897	...	2	3	0	Transferred to Working Account	...	619 15 11
Sales of Endowments	...	67	0	0	Transferred to Investment Account	...	65 0 0
Rents of Endowments	...	370	6	7	Insurance, Rates, Agency	...	12 5 8
Interest on Investments	...	261	15	0	Balance in Bank of New Zealand, Feb. 22, 1898	...	4 3 0
	£701	4	7			£701	4 7

## LITTLE BARRIER ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in Bank of New Zealand, Feb. 17, 1897	...	172	9	0	Salary of Curator for Thirteen Months	...	162 10 0
Transferred from Working Account	...	34	0	0	Carpenter's Wages	...	44 0 0
Balance due Bank of New Zealand, Feb. 22, 1898	...	27	1	0	Steamer Service for Nine Months	...	14 3 0
					Miscellaneous payments...	...	12 17 0
	£233	10	0			£233	10 0

T. F. CHEESEMAN, TREASURER.

February 24, 1898.

Examined and found correct,

W. GORRIE, AUDITOR.

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## Investments of the Auckland Institute.

### I.—COSTLEY BEQUEST.

	£	s.	d.	£	s.	d.
On Mortgage on Freehold Security at 5% ...	4,000	0	0			
On Mortgage on Freehold Security at 6% ...	1,500	0	0			
On Mortgage on Freehold Security at 6% ...	500	0	0			
On Mortgage at 6% ...	300	0	0			
Deposited in Post Office Savings Bank at 3½% ...	400	0	0			
Balance of Loan for Erection of New Hall ...	613	4	4			
Waiting Investment ...	386	15	8			
				7,700	0	0
Invested in Real Property—Site of Museum ...	2,500	0	0			
Expended in Erection of Ethnological Hall ...	1,500	0	0			
Expended in Show Cases and other Fittings ...	450	0	0			
				4,450	0	0
Total of Costley Bequest ...				12,150	0	0

### II.—MUSEUM ENDOWMENT.

On Mortgage on Freehold Security at 5½% ...	3,200	0	0
On Mortgage on Freehold Security at 7% ...	600	0	0
On Mortgage on Freehold Security at 6½% ...	650	0	0
On Mortgage on Freehold Security at 6% ...	650	0	0
On Mortgage on Freehold Security at 6% ...	100	0	0
Waiting Investment ...	105	0	0
	5,305	0	0

### III.—NATHAN BEQUEST.

On Mortgage at 6% ...	100	0	0
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### IV. LIFE SUBSCRIPTION ACCOUNT.

Deposited in Auckland Savings Bank ...	175	0	0
Total ...	£17,730	0	0
Proportion at Interest ...	£13,280	0	0

T. F. CHEESEMAN,

TREASURER.

Documents and securities examined and found in order,

W. GORRIE, AUDITOR.

February 24, 1898.

## ADDITIONS and DONATIONS

TO THE

### LIBRARY AND MUSEUM.

- Parliamentary Papers and Reports; New Zealand Hansard for 1897; New Zealand Statistics; New Zealand Official Year Book. — The New Zealand Government.
- Hamilton's Maori Art, Parts 1 and 2; Transactions of the New Zealand Institute, Vol. 29. — The Manager of the New Zealand Institute.
- Journal of the Polynesian Society, Vol. 6. — The Society.
- Fifty Pamphlets and Newspapers relating to New Zealand. — Dr. Hocken.
- Recollections of a Visit to Europe; Coloured Drawing of Auckland in 1843. — D. Rough.
- Copies of the Bay of Islands Observer; N.Z. Government Gazettes of early dates. — H. Greenway.
- Publications of the Department of Mines, New South Wales, for 1896-97. — The Department.
- Proceedings of the Linnean Society of New South Wales, Vol. 21, Part 4; Vol. 22, Parts 1, 2, 3. — The Society.
- Journal and Proceedings of the Royal Society of New South Wales, Vol. 30. — The Society.
- Proceedings of the Royal Society of Queensland, Vol. 12. — The Society.
- Bulletins of the Department of Agriculture, Queensland. — The Department.
- Proceedings of the Royal Society of Victoria, Vol. 9, and Vol. 10, Part 1. — The Society.
- The Wombat, Vols. 2 and 3. — The Editor.
- United States Consular Reports. — The Secretary of State, United States.
- Proceedings of the Eighth and Ninth Meetings of the Association of Economic Entomologists; Osborne's Insects Affecting Domestic Animals; Miscellaneous Results of the Work of the Division of Entomology; Chittenden's Little-known Insects Affecting Stored Vegetable Products; Howard's Study in Insect Parasitism; Coquillett's Revision of the Tachnide; North American Fauna, Parts 11, 12, 13; The Jack Rabbits of the United States; Contributions from the United States National Herbarium, Vol. 5, Parts 1, 2, 3; Farmers' Bulletins, Nos. 45, 47, 54, 66, 68; Woods' Bermuda Lily Disease; Spread of the Water Hyacinth in Florida. — The Department of Agriculture, U.S.A.
- Report of the Smithsonian Institution for 1894; Report of the U.S. National Museum for 1894; Jordan and Evermann's Fishes of North and Middle America; Goode and Bean's Oceanic Ichthyology, Vols. 1 and 2; Bendire's Life Histories of North American Birds. — The Smithsonian Institution.
- Proceedings of the American Association for 1896. — The Association.
- Annual Report of the Missouri Botanical Gardens. — The Director.
- Annual Report of the Museum of Comparative Zoology. — The Director.

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- Bulletin of the American Museum for 1896; Annual Report for 1896.—The American Museum of Natural History.
- Annual Report of the Museum at Milwaukee.—The Director.
- Twenty-second and Twenty-third Annual Reports of the Geological and Natural History Survey of Minnesota.—The Director.
- Thirty-ninth Annual Report of the Chicago Academy of Sciences.—The Academy.
- Report of the Field Columbian Museum for 1895-96.—The Director.
- Annals of the Observatory of Harvard College, Vol. 30, Part 4; Vol. 40, Part 5; Vol. 41, Part 4; 51st Annual Report; Miscellaneous Papers.—The Observatory.
- Transactions of the Nova Scotian Institute, Vol. 9.—The Institute.
- Report of the Geological Survey of Canada for 1895.—The Survey.
- Bulletin of the Geographical Institute of Argentina.—The Institute.
- Annals of the Observatory of Rio Janeiro for 1896.—The Observatory.
- Complete Set of the Reports of the Challenger Expedition, 50 vols.—The Imperial Government.
- Journal of the Royal Colonial Institute, Vol. 20.—The Institute.
- Symon's Monthly Meteorological Magazine.—The Editor.
- British Almanac and Companion for 1896.—H. W. Tinne.
- Annals of the Meteorological Observatory of Mont Blanc, Tome 2.—Prof. Vallot, Paris.
- Journal of the Natural History Society of Zurich for 1896-97.—The Society.
- Royal Society's Catalogue of Scientific Papers, Vol. 2; Proceedings of the Royal Society, Vols. 33 to 40.—Purchased.
- Cambridge Natural History, 3 vols.; Newton's Dictionary of Birds; British Museum Catalogue of Fishes, new edition, Vol. 1; British Museum Catalogue of Madreporarian Corals, Vols. 1 and 2; Saville Kent's Naturalist in Australia.—Purchased.
- Massee's British Fungus Flora, 4 vols.; Massee's Monograph of the Myxogastres; Crombie's Monograph of British Lichens; Tubeuf's Diseases of Plants; Jackson's Guide to the Literature of Botany; Amherst's History of Gardening; Drake del Castillo's Remarques sur la Flore de la Polynesie; Hooker's Musci Exotici, 2 vols.; Hooker's Flora of British India, Vols. 1-6; Mueller's Fragmenta Phytographiae Australiae, 8 vols.—Purchased.
- Geikie's Ancient Volcanoes of Great Britain, 2 vols.; Phillips' Treatise on Ore Deposits; Rose's Metallurgy of Gold.—Purchased.
- Thorpe's Dictionary of Applied Chemistry, 3 vols.; Morley and Muir's Dictionary of Applied Chemistry, 4 vols.; Stephenson and Murphy's Hygiene and Public Health, 3 vols.—Purchased.
- Hooker's Journal of Sir J. Banks; Ling Roth's Natives of Sarawak and Borneo.—Purchased.
- Babelon's Manual of Oriental Antiquities; Ely's Manual of Archaeology; Maspero's Egyptian Archaeology; Set of British Museum Guide Books.—Purchased.
- Philosophical Transactions and Proceedings of the Royal Society for 1895-96; Journal of the Royal Agricultural Society for 1896-97; Journal of the Chemical Society, 1896-97; Journal of the Royal Geographical Society for 1896-97; Quarterly Journal of the Geological Society for 1896-97; Transactions and Proceedings of the Zoological Society for 1896-97; British Association Report for 1896.—Purchased.

Mounted Skeleton of African Ostrich.—Exchange from Prof. H. A. Ward, Rochester, U.S.A.

Skin of Skua Gull (*Stercorarius Crepidatus*).—A. T. Pycroft.

Albino Pheasant.—J. Ramsay.

- New Zealand Bird-skins (34).—Purchased.  
 Bird-skins from the Chatham Islands.—Purchased.  
 Skin of Morepork (*Spiloglaux nova-Zealandia*).—A. Browne.  
 Skin and Eggs of Spoonbill Duck (*Rhynchaspis variegata*).—J. Brooks.  
 Moa Bones found at Hikurangi, Whangarei.—J. Sutherland.  
 Flying-fish.—J. G. Le Brun.  
 Tree Lizard (*Hoplodactylus* sp.).—A. J. Osborne.  
 Large Snake from Fiji.—Sir W. L. Buller.  
 Centipede.—S. Hesketh.  
 Specimens of *Bulimus bovinus*.—Mr. Greenaway.  
 Large Collection of Marine Shells from Natal.—Exchange from H. P. Burnup.  
 New Zealand Shells.—A. R. Swinburne.  
 Aplysia Sp.—Capt. Farquhar.  
 Collection of Vegetable Caterpillars.—A. Steele.  
 Coral adhering to a Glass Bottle Dredged in Apia Harbour.—T. Cooper.  
 Specimens of Ambrit.—T. P. Moody.  
 Basalt enclosing Zeolites.—T. B. Hill.  
 Wood Opal.—Downey.  
 Fulgurites found near Sydney.—P. Grimshaw.  
 Foraminifera from the Lincolnshire Chalk.—E. Hall.  
 Silicified Wood from Parawai, Thames.—L. Fraser.  
 Large Collection of Dried Specimens of New Zealand and Foreign Ferns.—H. Dobie.  
 Large Collection of Foreign Plants.—D. Petrie.  
 Puriri Timber from below the lava stream at the Western Springs.—W. Anderson.  
 Collection of Economic Grasses and Forage Plants.—Sutton and Sons, Reading, England.  
 57 Specimens Illustrating the Ethnology of the Maori Race.—Purchased from various individuals.  
 Two Panels of Reed-work from a Maori House.—A. Hamilton.  
 Maori Stone Axes.—P. Black.  
 Gun presented by George IV. to Hongi, and known by the name of Patu-iwi. S. Percy Smith.  
 Gun formerly belonging to the Doctor of the "Boyd," taken by Maoris in Whangaroa Harbour in 1809.—C. F. Maxwell.  
 Greenstone Ear-drop presented by the Maoris on the cession of the township of Rotorua to the Government.—F. D. Fenton.  
 Large Greenstone Axe.—C. F. Maxwell.  
 Three Stone Axes.—J. Munro.  
 Stone Sinkers.—A. Arkell.  
 Korowai Mat.—A. Beard.  
 Cast of the Rosetta Stone.—Exchange from Prof. H. A. Ward, Rochester, U.S.A.  
 Mummy, in its original wooden case.—Exchange from Prof. H. H. Giglioli, Florence.  
 Weaving Loom from Santa Cruz.—Archdeacon Palmer.  
 Canoe elaborately inlaid with pearl-shell, from Ulawa, Solomon Islands.—Purchased.  
 Two Silver Coins.—R. B. T. Millar.  
 Plaque formed by the deposition of calcareous material on a gutta-percha mould.—C. Smith, Wanganui.  
 Seven Copper Coins.—Mrs. A. Browning.

## ... LIST OF MEMBERS ...

FOR THE YEAR ENDING MARCH 31ST, 1898.

[HONORARY AND LIFE MEMBERS DISTINGUISHED THUS\*]

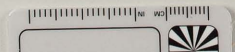
- |  |   |
|--|---|
| Adams, J., B.A., Thames                              | Danneford, S., Auckland                       |
| Aickin, G., Auckland                                 | Darby, P., Auckland                           |
| Aitken, W., Auckland                                 | Davies, Rev. H. S., Northcote                 |
| Allen, T., Auckland                                  | Dawson, F. W. E., M.R.C.S., Eng.,<br>Auckland |
| Argall, W. H., Coromandel                            | Dignan, P. L., Auckland                       |
| Bagnall, L. J., Thames                               | Dufaur, E. T., Auckland                       |
| Baker, Rev. S. W., Auckland                          | Duthie, D. W., Auckland                       |
| Bakewell, R. H., M.D., Devonport                     |   |
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| Bartley, E., Devonport                               | Edson, J., Devonport                          |
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| Beere, D. M., C.E., Gisborne                         |   |
| Berry, W., Auckland                                  | Farmer, J., London                            |
| Best, Elsdon, Te Whaiti                              | Fenton, F. D., Kaipara                        |
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| Brett, H., Auckland                                  | Fowlds, G., Auckland                          |
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| Broun, Captain T., F.E.S., Drury                     | Goldie, D., Auckland                          |
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| Brown, J., Epsom                                     | Gray, A., Remuera                             |
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| Cameron, R., Auckland                                | Harris, J. D., Blenheim                       |
| Campbell, H., Auckland                               | Haszard, H. D. M., Thames                     |
| *Campbell, J. L., M.D., Auckland                     | Henton, J. S., Auckland                       |
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| Carr, R. A., Auckland                                | Herbert, T., Farnell                          |
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|  | Leys, T. W., Auckland                         |



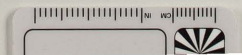
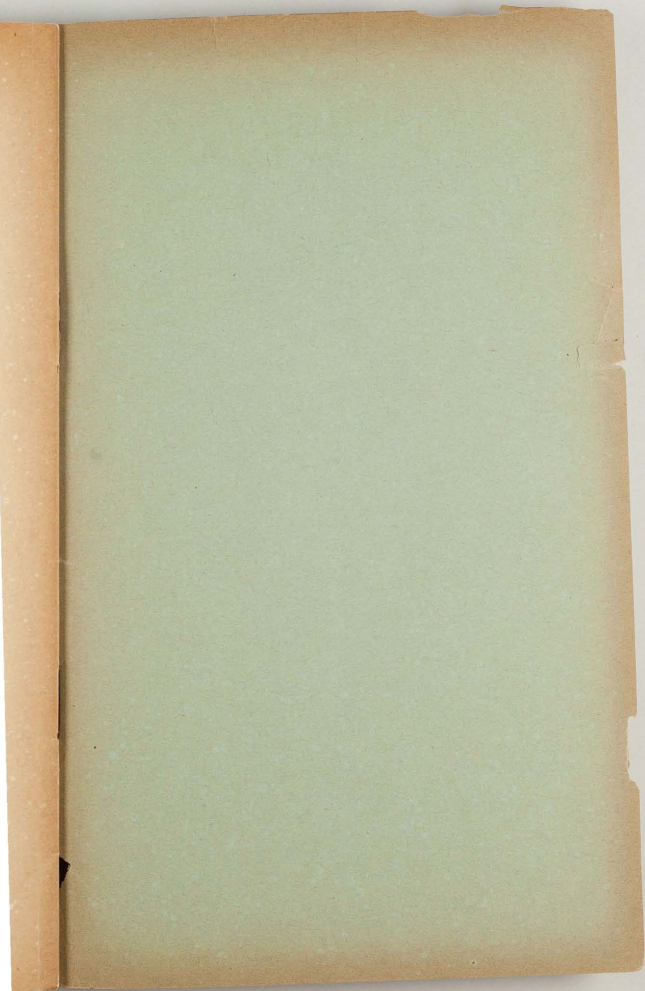
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 Mahoney, T., Auckland  
 Mair, Captain G., Thames  
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 Auckland  
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 Webster, J., Hokianga  
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 Williams, T. O., M.D., Thames  
 Williams, Right Rev. W. L., Bishop  
 of Waiapu, Napier  
 Williamson, C., Auckland  
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